John **Randolph**

Software Engineer · Data Scientist

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Education

Brown University
Providence, RI

B.S., Applied Math-Computer Science and Behavioral Decision Sciences — *September 2017 - May 2022*

- GPA: 4.0 / 4.0

Lakeside School
Seattle, WA

High School Diploma — *September 2013 - May 2017*

- GPA: 3.97 / 4.0
- ACT: 35

Experience

BlueBonnet Data
Memphis, TN

Data Fellow - Python, VAN — *Election 2020*

- Built pipeline with interactive to track real-time voting data for Marquita Bradshaw campaign (TN Senate)
- Made voter maps using VAN data and reviewed primary data trends for Alaina Shearer campaign (House of Reps. from OH-12)
- Canvassed for Lenny Cioe and Cynthia Mendes through RI Poitical Co-op

Facebook
New York, NY / Seattle, WA

SWE Intern, team TBD — *Summer 2021*

SWE Intern, Natural Language Understanding Team – Python, SQL — *Summer 2020*

SWE Intern, Monthly Billing Team – PHP, JavaScript — *Summer 2019*

- Implemented pipeline for programmatic data labeling
- Ran experiments and performed data analysis on performance of NLU pipeline
- Built framework for backend usage of business, organization, and monthly invoicing flows

The Policy Lab @ Brown
Providence, RI

Data Scientist Intern – R — *Spring 2019*

- Identified patterns in noncompliance of traffic violation payments in New Orleans
- Created proposal for statewide integrated data system
- Redesigned DMV forms and presented at Rhode Island DMV and DOR

University of Washington Clinical Informatics Research Group
Seattle, WA

Software Engineering Intern – Python, JavaScript — *Summer 2018*

- Refactored backend code and implemented Swagger UI testing framework for movember.com and truenth.org

Skills

Languages Python, Java, C, R, JavaScript, HTML, CSS, PHP, SQL, Scala, Racket, OCaml
Software VAN, MATLAB, Mathematica, LaTeX

Coursework

Major	**Applied Math** ——	**Computer Science**	**Behavioral Decision Sciences**
Relevant Classes	Statistical Inference	Machine Learning	Psychology of Making Decisions
	Recent Applications of Prob & Stats	Algorithmic Game Theory	Game Theory
	Computational Prob & Stats	Artificial Intelligence	Behavioral Economics
	Numerical Optimization	Discrete Structures & Prob	Mathematical Microeconomics

Honors & Awards

2017 **Winner,** National Merit Competition
2016 **Round One Winner,** Paul Allen Computing Challenge